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L Number	Hits	Search Text	DB/	Fime stamp
- 4	960	(251/333).CCLS.	USPAT;	2004/07/18 08:43
• •			US-PGPUB	
-	1405	251/333,129.02,129.14.ccls.	USPAT;	2002/11/07 11:44
•			US-PGPUB	
- "	149	137/315.03,315.27.ccls.	USPAT;	2002/11/07 11:44
			US-PGPUB	
-	1540	251/333,129.02,129.14.ccls. or 137/315.03,315.27.ccls.	USPAT;	2002/11/07 11:44
	_		US-PGPUB	
-	0	Raymundo and Cano	USPAT;	2003/08/08 08:20
·			US-PGPUB;	
			EPO; JPO;	
	1100		DERWENT	
-	4120	delphi.asn.	USPAT;	2002/11/07 11:47
			US-PGPUB;	
			EPO; JPO;	
	07		DERWENT	
-	27	delphi.asn. and ball near3 valve	USPAT;	2004/04/26 06:08
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	6	valve near footprint	USPAT;	2003/08/29 10:01
			US-PGPUB;	
			EPO; JPO;	
	00		DERWENT	
-	26	valve near3 footprint	USPAT;	2002/11/07 11:50
			US-PGPUB;	
			EPO; JPO;	
	404	(054/000 400 00 400 44	DERWENT	
-	164		USPAT;	2002/11/07 11:52
		(ball or spherical or truncated near2 sphere or spheroidal) same	US-PGPUB	
	60.40	(mount or rod or stem or pin or shaft)		
-	6343	(ball or spherical or truncated near2 sphere or spheroidal) same	USPAT;	2002/11/07 12:54
		(mount or rod or stem or pin or shaft) and (137/\$.ccls. or	US-PGPUB	
	50	251/\$.ccls.)		
-	56		USPAT;	2002/11/07 11:56
		spheroidal) same (mount or rod or stem or pin or shaft) and	US-PGPUB	
	2022	(137/\$.ccls. or 251/\$.ccls.))		
-	2933	303/113.1-119.3.ccls.	USPAT;	2002/11/07 11:56
	57	202/442 4 440 2 and //ball	US-PGPUB	
ļ -	37	303/113.1-119.3.ccls. and ((ball or spherical or truncated near2	USPAT;	2002/11/07 12:01
		sphere or spheroidal) same (mount or rod or stem or pin or shaft)	US-PGPUB	
_	892	and (137/\$.ccls. or 251/\$.ccls.))		
-	092	(ball or spherical or truncated near2 sphere or spheroidal) same	USPAT;	2002/11/07 12:03
	153514	(mount or rod or stem or pin or shaft) same truncated (137/\$.ccls. or 251/\$.ccls.)	US-PGPUB	00004445=
	100014	(10774.0015. 01 Z01/4.0015.)	USPAT;	2002/11/07 12:04
_	70	((137/\$.ccls. or 251/\$.ccls.)) and ((ball or spherical or truncated	US-PGPUB	000044/07 40 6 :
	, 0	near2 sphere or spheroidal) same (mount or rod or stem or pin or	USPAT;	2002/11/07 12:04
		shaft) same truncated)	US-PGPUB	
_	16936	(ball or rounded adj face or partially adj round\$3 or spherical or	LICDAT	0000/44/07 40 65
	10300	truncated near2 sphere or spheroidal) same (mount or rod or	USPAT;	2002/11/07 13:02
		stem or pin or shaft) same valve	US-PGPUB	
_	11	((ball or rounded adj face or partially adj round\$3 or spherical or	LICDAT:	0000/44/07 40 60
	'''	truncated near2 sphere or spheroidal) same (mount or rod or	USPAT;	2002/11/07 12:26
		stem or pin or shaft) same valve) and 137/315.03,315.27.ccls.	US-PGPUB	
-	134	((ball or rounded adj face or partially adj round\$3 or spherical or	LICDAT.	2002/44/07 40 0-
	104	truncated near2 sphere or spheroidal) same (mount or rod or	USPAT;	2002/11/07 12:27
	İ	stem or pin or shaft) same valve) and	US-PGPUB	
		251/333,129.02,129.14.ccls.		
_	8368	((ball or rounded adj face or partially adj round\$3 or spherical or	LICDAT.	2004/07/40 44 44
}	3300	truncated near2 sphere or spheroidal) same (mount or rod or	USPAT;	2004/07/18 11:11
		stem or pin or shaft) same valve) same (pressfit\$4 or fasten\$4 or	US-PGPUB	
		attach\$5 or connected or connection)		
_	98	137/315.27.ccls.	USPAT;	2002/44/07 40:07
	00			2002/11/07 12:35
			US-PGPUB	

 11	3441	((ball or rounded adj face or partially adj round\$3 or spherical or truncated near2 sphere or spheroidal) same (mount or rod or stem or pin or shaft) same valve) same (pressfit\$4 or fasten\$4 or	USPAT; US-PGPUB	2002/11/07 12:44
		attach\$5 or connected or connection) near3 (stem or pin or shaft or rod)		
-	285	((ball or rounded adj face or partially adj round\$3 or spherical or truncated near2 sphere or spheroidal) same (mount or rod or stem or pin or shaft) same valve) same (pressfit\$4 or fasten\$4 or	USPAT; US-PGPUB	2002/11/07 12:41
		attach\$5 or connected or connection) near3 (stem or pin or shaft or rod) same (bore or recess or hole) near3 (stem or pin or shaft or rod)		
-	113		USPAT; US-PGPUB	2002/11/07 12:42
		attach\$5 or connected or connection) near3 (stem or pin or shaft or rod) same (bore or recess or hole) near3 (stem or pin or shaft or rod)) and ((137/\$.ccls. or 251/\$.ccls.))		
-	1258	(((ball or rounded adj face or partially adj round\$3 or spherical or truncated near2 sphere or spheroidal) same (mount or rod or stem or pin or shaft) same valve) same (pressfit\$4 or fasten\$4 or	USPAT; US-PGPUB	2002/11/07 12:45
		attach\$5 or connected or connection) near3 (stem or pin or shaft or rod)) and ((137/\$.ccls. or 251/\$.ccls.))		
-	1271	137/15.22,533.11,519.5,901,247.21,864,879.ccls.	USPAT; US-PGPUB	2002/11/07 12:46
	7385	251/129.01-129.22,315.16,315.1-317.01.ccls.	USPAT; US-PGPUB	2002/11/07 12:50
-	8604	137/15.22,533.11,519.5,901,247.21,864,879.ccls. or 251/129.01-129.22,315.16,315.1-317.01.ccls.	USPAT; US-PGPUB	2002/11/07 12:50
-	1761	137/15.22,533.11,519.5,901,247.21,864,879.ccls. or 251/129.01-129.22,315.16,315.1-317.01.ccls. and (((ball or	USPAT; US-PGPUB	2002/11/07 12:51
		rounded adj face or partially adj round\$3 or spherical or truncated near2 sphere or spheroidal) same (mount or rod or stem or pin or shaft) same valve) same (pressfit\$4 or fasten\$4 or attach\$5 or		
-	578	connected or connection)) (137/15.22,533.11,519.5,901,247.21,864,879.ccls. or 251/129.01-129.22,315.16,315.1-317.01.ccls. and (((ball or	USPAT;	2002/11/07 13:09
		rounded adj face or partially adj round\$3 or spherical or truncated near2 sphere or spheroidal) same (mount or rod or stem or pin or	US-PGPUB	
		shaft) same valve) same (pressfit\$4 or fasten\$4 or attach\$5 or connected or connection))) and (((ball or rounded adj face or partially adj round\$3 or spherical or truncated near2 sphere or		
		spheroidal) same (mount or rod or stem or pin or shaft) same valve) same (pressfit\$4 or fasten\$4 or attach\$5 or connected or connection))		
-	48	188/282.7.ccls.	USPAT; US-PGPUB	2002/11/07 12:53
-	28	spheroidal near3 valve	USPAT; US-PGPUB	2002/11/07 12:54
- -	47	(ball or rounded adj face or partially adj round\$3 or spherical or truncated near2 sphere or spheroidal) same (mount or rod or stem or pin or shaft) same valve same (ball or rounded adj face	USPAT; US-PGPUB	2002/11/07 13:05
		or partially adj round\$3 or spherical or truncated near2 sphere or spheroidal) adj4 (pressfit\$5 or snapfit or snap\$6)		
-	4	(((ball or rounded adj face or partially adj round\$3 or spherical or truncated near2 sphere or spheroidal) same (mount or rod or stem or pin or shaft) same valve) same (pressfit\$4 or fasten\$4 or	USPAT; US-PGPUB	2002/11/07 13:09
-	58	attach\$5 or connected or connection)) and 137/315.03.ccls. (((ball or rounded adj face or partially adj round\$3 or spherical or	USPAT;	2002/11/07 13:10
		truncated near2 sphere or spheroidal) same (mount or rod or stem or pin or shaft) same valve) same (pressfit\$4 or fasten\$4 or attach\$5 or connected or connection)) and	US-PGPUB	
-	0	251/333,129.02,129.14.ccls. Raymundo and Cano	USPAT; US-PGPUB;	2003/02/06 10:15
-			EPO; JPO; DERWENT	

	0	saenz.in. and cano.in.	USPAT; US-PGPUB;	2003/02/06 10:15
-	33	delphi.asn. and ball near3 valve	EPO; JPO; DERWENT USPAT; US-PGPUB;	2003/02/06 10:19
-	11	("5012982" "5048497" "5336320" "5391407" "5585176" "5688557" "5731045" "5783261" "5837357" "6062498"	EPO; JPO; DERWENT USPAT	2003/02/06 10:17
-	12683	"6145763").PN. (hemispher\$5 or sphere or spherical or ball) near3 valve same (stem or pin or rod or shaft)	USPAT; US-PGPUB; EPO; JPO;	2003/02/06 10:28
-	0	((hemispher\$5 or sphere or spherical or ball) near3 valve same (stem or pin or rod or shaft)) same strengthen\$4 near3 (connector or connection or attach\$4 or attach\$5)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/02/06 10:27
-	19	((hemispher\$5 or sphere or spherical or ball) near3 valve same (stem or pin or rod or shaft)) same strengthen\$4	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/02/06 10:27
-	2727	((hemispher\$5 or sphere or spherical or ball) near3 valve same (stem or pin or rod or shaft)) same (connector or connection or attach\$4 or attach\$5)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/02/06 10:28
-	707	(hemispher\$5 or sphere or spherical or ball) near3 (stem or pin or rod or shaft) same (connector or connection or attach\$4 or attach\$5) same valve near3 (hemispher\$5 or sphere or spherical or ball)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/02/06 10:32
-	707	(hemispher\$5 or sphere or spherical or ball) near3 (stem or pin or rod or shaft) same (connector or connection or attach\$4 or attach\$5) same valve near3 (hemispher\$5 or sphere or spherical or ball) same (hemispher\$5 or sphere or spherical or ball) near5	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/06 11:21
-	16	valve (round) near3 (stem or pin or rod or shaft) same (connector or connection or attach\$4 or attach\$5) same valve near3 (round) same (round) near5 valve	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/06 11:23
-	0 20	6378842.URPN. ("2885179" "3379408" "3479006" "3514076" "3576309" "3997142" "4137935" "4193578" "4256285" "4257576" "4519579" "4697786" "4822000" "4911413" "5016857" "5170992" "5588638" "5618026" "5755427" "5820103").PN.	USPAT USPAT	2003/02/06 11:48 2003/02/06 11:48
-	1 1	1983-704224.NRAN. "20030067217"	DERWENT USPAT;	2003/02/06 11:57 2003/04/16 08:47
-	1	"20030067217" and joint	US-PGPUB USPAT;	2003/04/16 08:48
-	2639	(shaft or rod) near4 (ball or sphere or spherical or cone) same (ball or sphere or spherical or cone) near3 valve	US-PGPUB USPAT; US-PGPUB; EPO; JPO;	2003/04/16 10:05
-	3	(shaft or rod) near4 (ball or sphere or spherical or cone) same (joint or connection) near4 strengthen\$4 same (ball or sphere or spherical or cone) near3 valve	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/04/16 09:26
-	1	("6367774").PN.	DERWENT USPAT; US-PGPUB	2003/04/16 09:26
-	1	("6322050").PN.	USPAT; US-PGPUB	2003/04/16 09:31
-	25	("3948533" "3949965" "4161187" "4346730" "4662392" "4719074" "4722825" "4771803" "4795133" "4810585" "4815704" "4834042" "4871621" "4932432" "4936546" "5015609" "5183068" "5297580" "5365661" "5386967" "5566923" "5906354" "5977487" "5979873" "6178638").PN.	USPAT	2003/04/16 09:27

. *	25	("3948533" "3949965" "4161187" "4346730" "4662392" "4719074" "4722825" "4771803" "4795133" "4810585" "4815704" "4834042" "4871621" "4932432" "4936546"	USPAT	2003/04/16 09:29
		"5015609" "5183068" "5297580" "5365661" "5386967" "5566923" "5906354" "5977487" "5979873" "6178638").PN.		
-	191	(251/315.16).CCLS.	USPAT; US-PGPUB	2003/04/16 09:31
-	12	((shaft or rod) near4 (ball or sphere or spherical or cone) same (ball or sphere or spherical or cone) near3 valve) and 403/\$.ccls.	USPAT; US-PGPUB; EPO; JPO;	2003/04/16 09:33
-	1044	(shaft or rod) near4 (ball or sphere or spherical) and 403/\$.ccls.	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/04/16 09:35
-	205	((shaft or rod) near4 (ball or sphere or spherical) same (attach\$4	DERWENT USPAT;	2003/04/16 09:37
-	210	or affix or fasten or strengthen\$3) and 403/\$.ccls.) (shaft or rod) near4 (ball or sphere or spherical) same (attach\$4 or affix or fasten or strengthen\$3) and 403/\$.ccls.	US-PGPUB USPAT; US-PGPUB; EPO; JPO;	2003/04/16 09:42
-	7	(shaft or rod) near4 (ball or sphere or spherical) same (attach\$4 or affix or fasten or strengthen\$3) same valve and 403/\$.ccls.	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/16 09:46
_	502	((shaft or rod) near4 (ball or sphere or spherical) same (attach\$4 or affix or fasten or strengthen\$3) and 403/\$.ccls.) or ((shaft or rod) near4 (ball or sphere or spherical) same (attach\$4 or affix or fasten or strengthen\$3) same valve near4 (ball or sphere or	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/16 09:48
-	210	spherical)) (((shaft or rod) near4 (ball or sphere or spherical) same (attach\$4 or affix or fasten or strengthen\$3) and 403/\$.ccls.) or ((shaft or rod) near4 (ball or sphere or spherical) same (attach\$4 or affix or fasten or strengthen\$3) same valve near4 (ball or	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/16 09:49
-	295	sphere or spherical))) and 403/\$.ccls. (shaft or rod) near4 (ball or sphere or spherical) same (attach\$4 or affix or fasten or strengthen\$3) same valve near4 (ball or sphere or spherical)	USPAT; US-PGPUB; EPO; JPO;	2003/04/16 09:53
-	2378	(shaft or rod) near4 (ball or sphere or spherical) same (ball or sphere or spherical) near3 valve	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/16 10:06
-	40094	(ball or sphere or spherical) near4 (notch or v adj shaped or v adj shape or midsection or joint)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/16 10:11
-	40	((shaft or rod) near4 (ball or sphere or spherical) same (ball or sphere or spherical) near3 valve) same ((ball or sphere or spherical) near4 (notch or v adj shaped or v adj shape or midsection or joint))	USPAT; US-PGPUB	2003/04/16 10:08
-	14320	(ball or sphere or spherical) near4 (notch or v adj shaped or v adj shape or midsection or joint) same (rod or shaft or stem)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/16 10:18
-	923	((ball or sphere or spherical) near4 (notch or v adj shaped or v adj shape or midsection or joint) same (rod or shaft or stem)) same valve	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/16 10:14
-	8	(((ball or sphere or spherical) near4 (notch or v adj shaped or v adj shape or midsection or joint) same (rod or shaft or stem)) same valve) and 403/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/16 10:17
-	14	(((ball or sphere or spherical) near4 (notch or v adj shaped or v adj shape or midsection or joint) same (rod or shaft or stem)) same valve) and 303/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/16 10:18

	88	(((ball or sphere or spherical) near4 (notch or v adj shaped or v adj shape or midsection or joint) same (rod or shaft or stem))	USPAT; US-PGPUB	2003/04/16 10:21
_	125	same valve) and 251/\$.ccls. (rod near3 ball) adj3 connection	USPAT;	2003/04/16 10:25
	97	(shaft near3 ball) adj3 connection	US-PGPUB	
-			USPAT; US-PGPUB	2003/04/16 10:22
-	548	(shaft near3 ball) adj3 joint	USPAT; US-PGPUB	2003/04/16 10:23
-	28	((shaft near3 ball) adj3 joint) same valve	USPAT; US-PGPUB	2003/04/16 10:23
-	15	((shaft near3 ball) adj3 connection) same valve	USPAT; US-PGPUB	2003/04/16 10:23
-	10	((rod near3 ball) adj3 connection) same valve	USPAT; US-PGPUB	2003/08/08 09:31
-	53	(((shaft near3 ball) adj3 joint) same valve) or (((shaft near3 ball) adj3 connection) same valve) or (((rod near3 ball) adj3 connection) same valve)	USPAT; US-PGPUB	2003/04/16 10:23
-	1747	((rod or stem or shaft) near3 (truncated or sphere or spherical or ball)) near8 (affix or affixed or attachment or attach or fastener or connector or connection)	USPAT; US-PGPUB	2003/04/16 10:29
-	1484	((rod or stem or shaft) near3 (truncated or sphere or hemisphere or hemispherical or ball)) near8 (affix or affixed or attachment or	USPAT; US-PGPUB	2003/04/16 10:38
<u>-</u>	176	attach or fastener or connector or connection)		0000/04/40 40 00
		or hemispherical or ball)) near8 (affix or affixed or attachment or attach or fastener or connector or connection)) same valve	USPAT; US-PGPUB	2003/04/16 10:32
-	133	(((rod or stem or shaft) near3 (truncated or sphere or hemisphere	USPAT;	2003/04/16 10:38
		or hemispherical or ball)) near8 (affix or affixed or attachment or attach or fastener or connector or connection)) same valve near8	US-PGPUB	:
-	141	(truncated or sphere or hemisphere or hemispherical or ball) ((rod or stem or shaft) near3 (truncated or sphere or hemisphere or hemispherical or ball)) near8 (affix or affixed or attachment or	USOCR	2003/04/16 10:40
		attach or fastener or connector or connection) same valve near8 (truncated or sphere or hemisphere or hemispherical or ball)		
-	611	303/dig\$.ccls.	USPAT;	2003/04/16 13:04
-	27	303/dig\$.ccls. and pressure adj gradient	US-PGPUB USPAT;	2003/04/16 13:05
-	0	303/dig\$.ccls. and pressure adj gradient same leak	US-PGPUB USPAT; US-PGPUB	2003/04/16 13:05
-	238	pressure adj gradient same leak	USPAT; US-PGPUB	2003/04/16 13:05
-	268	pressure near4 gradient same leak	USPAT; US-PGPUB	2003/04/16 13:08
-	4	pressure near4 gradient same leak same brak\$4	USPAT; US-PGPUB	2003/04/16 13:10
-	15	(pressure near4 gradient same leak) and brak\$4	USPAT; US-PGPUB	2003/04/16 13:08
-	4	pressure near4 gradient same leak same brak\$4	USPAT;	2003/04/16 13:10
			US-PGPUB; EPO; JPO;	
	138	proceure poor4 (change or flustration or unitality and a	DERWENT; IBM_TDB	
_		pressure near4 (change or fluctuation or variariation or drop) same leak same brak\$4	USPAT; US-PGPUB	2003/04/16 13:15
_	128	(brak\$4 adj2 pressure) near4 (change or fluctuation or variation or drop or gradient) and 303/dig\$.ccls.	USPAT; US-PGPUB	2003/04/16 13:17
-	2	(brak\$4 adj2 pressure) near4 (change or fluctuation or variation or drop or gradient) same (leak or leakage) and 303/dig\$.ccls.	USPAT; US-PGPUB	2003/04/16 13:19
-	2	(brak\$4 adj2 pressure) near4 (change or fluctuation or variation or drop or gradient) same (leak or leakage) and 701/\$.ccls.	USPAT; US-PGPUB	2003/04/16 13:18
-	0	(brak\$4 adj2 pressure) near4 (change or fluctuation or variation or drop or gradient) same (leak or leakage) and 702/\$.ccls.	USPAT; US-PGPUB	2003/04/16 13:19
-	0	(brak\$4 adj2 pressure) near4 (change or fluctuation or variation or drop or gradient) same (leak or leakage) same model	USPAT;	2003/04/16 13:19
-	2	(brak\$4 adj2 pressure) near4 (change or fluctuation or variation	US-PGPUB USPAT;	2003/04/16 13:19
Soarch High	On: 7/19/04	or drop or gradient) same (leak or leakage) and 73/\$.ccls.	US-PGPUB	

-	. 6	((brak\$4 adj2 pressure) near4 (change or fluctuation or variation	USPAT;	2003/04/16 13:19
		or drop or gradient) same (leak or leakage) and 303/dig\$.ccls.)	US-PGPUB	
1		or ((brak\$4 adj2 pressure) near4 (change or fluctuation or		
		variation or drop or gradient) same (leak or leakage) and		
		701/\$.ccls.) or ((brak\$4 adj2 pressure) near4 (change or		*
		fluctuation or variation or drop or gradient) same (leak or leakage) and 73/\$.ccls.)	İ	
_	30		USPAT:	2003/04/16 13:23
		or drop or gradient) same (leak or leakage) and 303/\$.ccls.	US-PGPUB	2003/04/10 13.23
_	0	6450591.URPN.	USPAT	2003/04/16 13:21
-	6	("5567021" "5779327" "5951120" "5979997" "5997106"	USPAT	2003/04/16 13:21
		"6007164").PN.	00,7.1	2000/04/10 10:21
-	1	(brak\$4 adj2 pressure) near4 (change or fluctuation or variation	USPAT;	2003/04/16 13:24
		or drop or gradient) same (leak or leakage) same transducer	US-PGPUB	
-	255	absolute adj4 pressure same brak\$4	USPAT;	2003/04/16 13:35
			US-PGPUB	
-	18	absolute adj4 pressure same brak\$4 same gradient	USPAT;	2003/04/16 13:32
			US-PGPUB	İ
-	1	integral adj4 pressure same brak\$4 same gradient	USPAT;	2003/04/16 13:32
		destruction with	US-PGPUB	
-	5	derivative adj4 pressure same brak\$4 same gradient	USPAT;	2003/04/16 13:33
	92	absolute adid pressure come broken and 200 th and	US-PGPUB	0000/04/40 10 ==
-	92	absolute adj4 pressure same brak\$4 and 303/\$.ccls.	USPAT;	2003/04/16 13:35
_	2	absolute adj4 pressure same brak\$4 same (leak\$4 or loss) and	US-PGPUB	2002/04/40 42-20
		303/\$.ccls.	USPAT; US-PGPUB	2003/04/16 13:36
_	8	valve near footprint	USPAT;	2003/06/02 11:04
		Talve near leadpline	US-PGPUB;	2003/00/02 11.04
			EPO; JPO;	
			DERWENT	
-	1	(US-20030067217-\$).did.	US-PGPUB	2003/06/02 11:03
-	0	((US-20030067217-\$).did.) and anled adj surface	US-PGPUB	2003/06/02 11:03
-	0	((US-20030067217-\$).did.) and angled adj surface	US-PGPUB	2003/06/02 11:03
-	0	((US-20030067217-\$).did.) and angled adj2 surface	US-PGPUB	2003/06/02 11:03
-	1	((US-20030067217-\$).did.) and angled	US-PGPUB	2003/06/02 11:03
-	1	((US-20030067217-\$).did.) and angled	US-PGPUB	2003/06/02 11:04
-	1	((US-20030067217-\$).did.) and angled	US-PGPUB	2003/06/02 11:04
_	0	valve near footprint and delphi.asn.	USPAT;	2003/06/02 11:05
			US-PGPUB;	
			EPO; JPO;	
_	0	valve near3 footprint and delphi.asn.	DERWENT USPAT;	2003/06/02 11:05
		Tarre residence resigning and despringering	US-PGPUB;	2003/00/02 11:03
			EPO; JPO;	
			DERWENT	
-	0	valve near4 footprint and delphi.asn.	USPAT:	2003/06/02 11:06
		·	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	8	valve near footprint	USPAT;	2003/06/02 11:06
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	0	valve near footprint same angled	USPAT;	2003/06/02 11:07
			US-PGPUB;	
			EPO; JPO;	
_	3	valve near footprint and angled	DERWENT	0000/00/00 :: ==
	1	vario noai rootpinit and angled	USPAT;	2003/06/02 11:07
			US-PGPUB;	
			EPO; JPO; DERWENT	
			DEL MEINT	
_	1	("6543791").PN.	HSDAT-	2002/06/02 05:40
-	1	("6543791").PN.	USPAT;	2003/06/03 05:12
-	1 0		US-PGPUB	
-		("6543791").PN. Raymundo.in. and Cano.in. and delphi.asn.	US-PGPUB USPAT;	2003/06/03 05:12 2003/08/08 08:21
-			US-PGPUB	

	0	saenz.in. and cano.in. and delphi.asn.	USPAT;	2003/08/08 08:22
	-	·	US-PGPUB;	
-	ļ		EPO; JPO;	
			DERWENT	
1_	1	saenz.in. and cano.in.	USPAT;	2003/08/08 08:22
	,	Suonzini and Ganoini.	US-PGPUB;	2003/00/00 00.22
	•			
			EPO; JPO;	
			DERWENT	
-	355	(rod or shaft or stem) near3 ball same connection same valve	USPAT;	2003/08/08 09:32
			US-PGPUB	
-	13	((rod or shaft or stem) near3 ball same connection same valve)	USPAT;	2003/08/08 09:33
		and 303/\$.ccls.	US-PGPUB	
-	123	((rod or shaft or stem) near3 ball same connection same valve)	USPAT;	2003/08/08 09:33
		and 251/\$.ccls.	US-PGPUB	2000/00/00 00:00
<u>-</u>	15	((rod or shaft or stem) near3 ball same connection same valve)	USPAT;	2003/08/08 09:34
	.0	and 239/\$.ccls.		2003/00/00 09.34
	04		US-PGPUB	0000/00/00 00 0
-	94	((rod or shaft or stem) near3 ball same connection same valve)	USPAT;	2003/08/08 09:34
	_	and 137/\$.ccls.	US-PGPUB	
-	9	valve near footprint	USPAT;	2003/08/29 10:14
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	2557	valve same ball same joint	USPAT:	2003/08/29 10:14
		,	US-PGPUB;	2000/00/20 10:14
	1		EPO; JPO;	
	1020	volvo sama hall sama joint sama (shaft ar red or -t)	DERWENT	0000/00/00 40 45
•	1028	valve same ball same joint same (shaft or rod or plunger)	USPAT;	2003/08/29 10:15
			US-PGPUB;	
			EPO; JPO;	
İ			DERWENT	
-	1028	valve same ball same joint same (shaft or rod or plunger)	USPAT;	2003/08/29 10:16
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
1_	118	valve near4 (spher\$6 or ball) same joint same (shaft or rod or	USPAT;	2003/08/29 10:22
	'''	plunger) near4 (spher\$6 or ball)		2003/06/29 10:22
		plunger) heart (sprietto or ball)	US-PGPUB;	
		·	EPO; JPO;	
	0704	1 1/1 00 1 111 11 11 11	DERWENT	
-	3784	valve near4 (spher\$6 or ball) same (shaft or rod or plunger)	USPAT;	2003/08/29 10:22
		near4 (spher\$6 or ball)	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	181	valve near4 (spher\$6 or ball) same (shaft or rod or plunger)	USPAT;	2003/08/29 10:41
		near4 (spher\$6 or ball) same (spher\$6 or ball) near5 (angle or	US-PGPUB;	
		angled or taper\$4 or cylindrical or truncat\$5)	EPO; JPO;	
		σ σ σ σ σ σ σ σ σ σ σ σ σ σ σ σ σ σ σ	DERWENT	
-	24683	valve near4 (sphere or spherical or ball)	USOCR	2002/09/20 40:25
-	25994	(shaft or rod or plunger) near4 (sphere or spherical or ball)		2003/08/29 10:35
	1982	(valve pears) (cohere or enhanced as hell) \ come ((-b-f) =	USOCR	2003/08/29 10:36
1	1902	(valve near4 (sphere or spherical or ball)) same ((shaft or rod or	USOCR	2003/08/29 10:36
	40007	plunger) near4 (sphere or spherical or ball))		
-	12687	(sphere or spherical or ball) near5 (angle or angled or taper or	USOCR	2003/08/29 10:37
		tapered or cylindrical or truncated)		
-	105	((valve near4 (sphere or spherical or ball)) same ((shaft or rod or	USOCR	2003/08/29 10:37
	1	plunger) near4 (sphere or spherical or ball))) same ((sphere or		
		spherical or ball) near5 (angle or angled or taper or tapered or		
	1	cylindrical or truncated))		
-	4348	valve same (spher\$6 or ball) same (shaft or rod or plunger) same	USPAT:	2003/08/29 10:41
		(angle or angled or taper\$4 or cylindrical or truncat\$5)	US-PGPUB;	2003/00/29 10.41
		(single of angles of superior of symmetrical of flutheather)	EPO; JPO;	
1_	4240	value come (apharts or hall) news - (all aft are and a set	DERWENT	
-	4348	valve same (spher\$6 or ball) same (shaft or rod or plunger) same	USPAT;	2003/08/29 10:42
		(angle or angled or taper\$4 or cylindrical or truncat\$5)	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	38036	valve same (spher\$6 or ball) same (shaft or rod or plunger)	USOCR	2003/08/29 10:42
-	14772	(valve same (spher\$6 or ball) same (shaft or rod or plunger))	USOCR	2003/08/29 10:43
		same (angle or angled or taper\$4 or cylindrical or truncat\$5)	. = = = • •	
				·

	141	((valve same (spher\$6 or ball) same (shaft or rod or plunger))	USOCR	2003/08/29 10:43
		same (angle or angled or taper\$4 or cylindrical or truncat\$5)) and		
• •		303/\$.ccls.		
-	1	("6155642").PN.	USPAT;	2003/09/03 06:08
			US-PGPUB	
-	73	oohiro.asn.	USPAT;	2003/09/03 06:09
			US-PGPUB	
-	5	("3596982" "3698673" "3964725" "4173372" "4344594").PN.	USPAT	2003/09/03 06:08
-	5819	(oil or hydraulic) adj2 cylinder same lifting	USPAT;	2003/09/03 06:10
			US-PGPUB	
-	1167	(oil or hydraulic) adj2 cylinder same lifting same piston same (rod	USPAT;	2003/09/03 06:11
		or shaft)	US-PGPUB	•
-	7	(oil or hydraulic) adj2 cylinder same lifting same piston same (rod	USPAT;	2003/09/03 06:12
		or shaft) same stopper	US-PGPUB	
-	229	(oil or hydraulic) adj2 cylinder same lifting same piston same (rod	USPAT;	2003/09/03 06:15
		or shaft) same (link or lever)	US-PGPUB	
-	3	((oil or hydraulic) adj2 cylinder same lifting same piston same	USPAT;	2003/09/03 06:13
		(rod or shaft) same (link or lever)) and 92/\$.ccls.	US-PGPUB	
-	25	1 ((am ar rejume) major ajumater admire mente admire pieton admire	USPAT;	2003/09/03 06:14
		(rod or shaft) same (link or lever)) and 254/\$.ccls.	US-PGPUB	
-	1	((oil or hydraulic) adj2 cylinder same lifting same piston same	USPAT;	2003/09/03 06:14
	1 .	(rod or shaft) same (link or lever)) and 267/\$.ccls.	US-PGPUB	
-	4	((or or right dame) days of more dame inting dame pictori dame	USPAT;	2003/09/03 06:14
	1	(rod or shaft) same (link or lever)) and 188/\$.ccls.	US-PGPUB	
-	40	(oil or hydraulic) adj2 cylinder same lifting same piston same (rod	USPAT;	2004/07/14 05:51
	1 4-	or shaft) same (link or lever) same (base or pedestal)	US-PGPUB	
-	47	29/898.044.ccls.	USPAT;	2003/09/03 10:40
	0.44	00/000 044 444 4	US-PGPUB	
-	341	29/898.044,441.1.ccls.	USPAT;	2003/09/03 11:30
	400	00/000 044 444 4	US-PGPUB	
-	132	29/898.044,441.1.ccls.	USOCR	2003/09/03 11:30

•				
	148	("6084493"	USPAT;	2004/04/26 06:07
1	-	"4628499"	US-PGPUB	
·•		"4932311"		
		"6360854"		
		"6513631"		
		"4907842"		
1		"5526731"		
1		"5655819"		
		"4848849"	1	
		"4861114"		
		"5239828"		
		"5290120"		
		"5477824"		
		"5614778"		
		"5618087"		
		"3669403"		
		"4179164"		
		"4078385"		
		"4330995"		
		"4331364"		
		"4387934"		
		"4399736"		
		"4445671"		
		"4462300"		
		"4462571"		
		"4478390"		
		"4500074"		
		"4515042"		
		"4574654"		
		"4882976"		
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		"5176017"		
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		"4579141"		
		"5323741"		
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		"5520367"		
		"5562016"		
		"5775470"		
		"5826753"		
		"4071038"		
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	•	"4316486"		
		"4346558"		

	12	(("6084493"	USPAT;	2004/04/26 06:07
		"4628499"	US-PGPUB	
. •		"4932311"	•••	
		"6360854"		
}		"6513631"		
		"4907842"		
		"5526731"		
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	48	delphi.asn. and ball near3 valve	USPAT;	2004/07/13 12:21
			US-PGPUB;	
*			EPO; JPO;	
			DERWENT	
-	50	delphi.asn. and ball near3 valve	USPAT;	2004/07/13 12:33
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	9	"1318056"	USPAT;	2004/07/13 12:42
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	6430	ball with valve with (rod or plunger)	USPAT;	2004/07/13 12:42
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	2513	ball with valve with (rod or plunger) same ball with seat	USPAT;	2004/07/13 12:43
		, , , ,	US-PGPUB;	
	1		EPO; JPO;	
			DERWENT	
-	166	ball with valve with (rod or plunger) same ball with seat same ball	USPAT;	2004/07/13 12:45
		with (truncated or cylindrical or larger adj end)	US-PGPUB;	
			EPO; JPO;	
1			DERWENT	
-	11	ball with valve with (rod or plunger) same ball with seat same ball	USPAT;	2004/07/13 12:46
	,	with (truncated or cylindrical or larger adj end or stem or pin) with	US-PGPUB;	200 1/01/10 12:40
		(pressfit or pressfitted or pressed)	EPO; JPO;	
		, ,	DERWENT	
-	0	(sphere or spherical) with valve with (rod or plunger) same ball	USPAT;	2004/07/13 12:47
		with seat same ball with (truncated or cylindrical or larger adj end	US-PGPUB;	200 1/01/10 12:11
		or stem or pin) with (pressfit or pressfitted or pressed)	EPO; JPO;	
		, , , , , , , , , , , , , , , , , , , ,	DERWENT	
-	1	(sphere or spherical) with valve with (rod or plunger) same	USPAT;	2004/07/13 12:48
		(sphere or spherical) with seat same (sphere or spherical) with	US-PGPUB;	200 1101710 12.40
		(truncated or cylindrical or larger adj end or stem or pin) with	EPO; JPO;	,
		(pressfit or pressfitted or pressed)	DERWENT	
-	7796	(sphere or spherical or ball or ballshaped or ballshape) near5	USPAT;	2004/07/13 12:49
		valve with (rod or plunger or shaft)	US-PGPUB;	200 1101710 12:10
			EPO; JPO;	
			DERWENT	
-	8018	(sphere or spherical or ball or ballshaped or ballshape) near5	USPAT;	2004/07/13 12:49
		valve with (rod or plunger or shaft or reciprocating)	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	878	(sphere or spherical or ball or ballshaped or ballshape) near5	USPAT;	2004/07/13 12:51
		(middle or central or intermediate) with concav\$5	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	46	(sphere or spherical or ball or ballshaped or ballshape) near5	USPAT;	2004/07/13 12:55
		(middle or central or intermediate) with concav\$5 same valve	US-PGPUB;	
		with (sphere or spherical or ball or ballshaped or ballshape)	EPO; JPO;	
			DERWENT	
-	881	(sphere or spherical or ball or ballshaped or ballshape) with	USPAT;	2004/07/13 12:56
		concav\$5 same valve with (sphere or spherical or ball or	US-PGPUB;	
	[ballshaped or ballshape)	EPO; JPO;	
			DERWENT	
-	0	(sphere or spherical or ball or ballshaped or ballshape) with	USPAT;	2004/07/13 12:56
		concav\$5 with valve same (sphere or spherical or ball or	US-PGPUB;	
		ballshaped or ballshape) with pressfit\$6	EPO; JPO;	
			DERWENT	
-	81	(sphere or spherical or ball or ballshaped or ballshape) with	USPAT;	2004/07/13 13:10
		concav\$5 with valve same (sphere or spherical or ball or	US-PGPUB;	
		ballshaped or ballshape) near5 (rod or shaft or stem or plunger)	EPO; JPO;	
			DERWENT	
-	327	(sphere or spherical or ball or ballshaped or ballshape) with	USPAT;	2004/07/13 13:15
		concav\$5 with valve with seat\$4	US-PGPUB;	
	j		EPO; JPO;	
			DERWENT	

NI .	.,			
- £,	6	(sphere or spherical or ball or ballshaped or ballshape) with	USPAT;	2004/07/13 13:17
-		concav\$5 with valve with seat\$4 same (sphere or spherical or ball	US-PGPUB;	
*		or ballshaped or ballshape) with (fixed or fastened or attached or	EPO; JPO;	
		press adj fit\$4 or pressfit\$4 or inserted) with (rod or shaft or plunger)	DERWENT	
_	29	saenz.in. and valve	USPAT;	2004/07/13 13:40
	20	th	US-PGPUB	2004/07/13 13.40
_	1	(2002016/402").PN.	USPAT:	2004/07/14 05:37
			US-PGPUB	200 1,01711 00.01
-	0	("clockspring").P[N.\ / /	USPAT;	2004/07/14 05:39
	_	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	US-PGPUB	
-	5	(("5,655,920") or ("5,256,075") or ("4,696,523") or ("4,975,063")	USPAT;	2004/07/14 05:39
	4	or ("4/925,122")).PN.' "10261591"	US-PGPUB	0004/07/44 05 54
-	4	10401391	USPAT; US-PGPUB;	2004/07/14 05:51
			EPO; JPO;	
			DERWENT	
-	167	411/\$.ccls. and valve with (rod or stem or shaft)	USPAT;	2004/07/18 08:50
			US-PGPUB	
-	70	411/\$.ccls. and valve with (rod or stem or shaft) and valve.ab.	USPAT;	2004/07/18 09:00
	23	2761052 LIDDNI	US-PGPUB	0004/07/10 00 ==
1 -	5	3761053.URPN. ("3049332" "1326430" "3572633" "1411904" "0632502").PN.	USPAT	2004/07/18 08:56
_	3	(3049332 1320430 3572033 1411904 0632502").PN. 3572633.URPN.	USPAT USPAT	2004/07/18 08:57 2004/07/18 08:58
-	3	("0001979" "2088666" "2143399").PN.	USPAT	2004/07/18 08:59
-	304	411/\$.ccls. and valve with (rod or stem or shaft)	USOCR	2004/07/18 09:00
-	55	411/\$.ccls. and valve with (rod or stem or shaft) same (ball or	USOCR	2004/07/18 09:02
		sphere or spherical or barrel or barrelshaped)		
-	3	valve with (rod or stem or shaft) same (rivet adj shap\$4 or	USPAT;	2004/07/18 09:05
		rivetshap\$4)	US-PGPUB;	
			EPO; JPO;	
_	11023	valve with (rod or stem or shaft) with (ballshaped or ball or	DERWENT USPAT;	2004/07/18 09:06
	1.020	spherical)	US-PGPUB;	2004/07/10 09.00
			EPO; JPO;	
			DERWENT	
-	27	valve with (rod or stem or shaft) with (ballshaped or ball or	USPAT;	2004/07/18 09:10
		spherical) same (middle or central or intermediate) near4 (ring or	US-PGPUB;	
		groove) with (ballshaped or ball or spherical)	EPO; JPO;	
_	0	valve with (rod or stem or shaft) with (ballshaped or ball or	DERWENT USPAT;	2004/07/18 09:10
		spherical) same (middle or central or intermediate) near4 (indent	US-PGPUB;	2004/07/16 09:10
		or indentatation or furrow) with (ballshaped or ball or spherical)	EPO; JPO;	
			DERWENT	
-	110	valve with (rod or stem or shaft) with (ballshaped or ball or	USPAT;	2004/07/18 09:13
		spherical) same ends! with (groove or recess or ring or indent or	US-PGPUB;	
		indentatation or furrow) with (ballshaped or ball or spherical)	EPO; JPO;	
_	539	(251/86).CCLS.	DERWENT USPAT;	2004/07/18 09:14
		\	US-PGPUB	2004/07/10 08.14
-	78	251/86.ccls. and (ball or ballshaped or sphere or sphercial) with	USPAT;	2004/07/18 09:20
1		valve	US-PGPUB	
-	97	251/86.ccls. and (ball or ballshaped or sphere or sphercial) with	USOCR	2004/07/18 09:53
1_	3	valve	11004-	00040=415.55
-	2	barbell\$4 near5 valve with (rod or shaft or stem)	USPAT;	2004/07/18 09:20
-	3	3341169.URPN.	US-PGPUB USPAT	2004/07/18 09:33
-	6	3326513.URPN.	USPAT	2004/07/18 09:33
-	1	2147332.URPN.	USPAT	2004/07/18 09:52
-	75	251/333-334.ccls. and (ball or ballshaped or sphere or sphercial)	USOCR	2004/07/18 09:53
1	00	with valve		
-	66	251/333-334.ccls. and (ball or ballshaped or sphere or sphercial)	USPAT;	2004/07/18 10:16
_	3	with valve 4811868.URPN.	US-PGPUB	2004/07/40 00:55
-	8	("2867356" "2985342" "3055560" "3073489" "4135648"	USPAT USPAT	2004/07/18 09:55
		"4427137" "4577784" "4597512").PN.	001 A1	2004/07/18 09:55
-	8	("2867356" "2985342" "3055560" "3073489" "4135648"	USPAT	2004/07/18 09:57
	<u> </u>	"4427137" "4577784" "4597512").PN.		
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- 4	0	1974296.URPN.	USPAT	2004/07/18 10:03
	957	251/357.ccls.	USPAT;	2004/07/18 10:18
-	4	004050411DDM	US-PGPUB	
_	17	3213524.URPN.	USPAT	2004/07/18 10:45
-	''	((ball or rounded adj face or partially adj round\$3 or spherical or truncated near2 sphere or spheroidal) with valve same (mount or	USPAT; US-PGPUB	2004/07/18 11:15
		rod or stem or pin or shaft) same valve) with (pressfit\$4 or	US-FGFUB	
		pushfit\$ or push adj fit\$5 or press adj fit\$4) near5 (ball or		
		rounded adj face or partially adj round\$3 or spherical or truncated		
		near2 sphere or spheroidal)		
-	31	valve with (pressfit\$4 or pushfit\$ or push adj fit\$5 or press adj	USPAT;	2004/07/18 11:25
		fit\$4) near5 (ball or rounded adj face or partially adj round\$3 or spherical or truncated near2 sphere or spheroidal) with (mount or	US-PGPUB;	
		rod or stem or pin or shaft)	EPO; JPO; DERWENT;	
		Total or ordinary	IBM_TDB	
-	8	("3865140" "4624282" "4961444" "5346176" "5364067"	USPAT	2004/07/18 11:17
		"5439279" "5681097" "5778918").PN.		
-	39	(ball or rounded adj face or partially adj round\$3 or spherical or	USPAT;	2004/07/18 11:46
		truncated near2 sphere or spheroidal) with (mount or rod or stem or pin or shaft) and 137/15.18,454.2.ccls.	US-PGPUB;	
		or pin or sharty and 151715. 16,454.2.6615.	EPO; JPO; DERWENT;	
			IBM_TDB	
-	35	(ball or rounded adj face or partially adj round\$3 or spherical or	USOCR	2004/07/18 11:21
		truncated near2 sphere or spheroidal) with (mount or rod or stem		
	29	or pin or shaft) and 137/15.18,454.2.ccls. (ball or rounded adj face or partially adj round\$3 or spherical or	HOOOD	0004/07/40 44 00
	20	truncated near2 sphere or spheroidal) with (mount or rod or stem	USOCR	2004/07/18 11:22
		or pin or shaft) and 137/357-368.ccls.		
-	29	(ball or rounded adj face or partially adj round\$3 or spherical or	USPAT;	2004/07/18 11:24
		truncated near2 sphere or spheroidal) with (mount or rod or stem	US-PGPUB	
_	5148	or pin or shaft) and 137/357-368.ccls. (ball or rounded adj face or partially adj round\$3 or spherical or	LICDAT	0004/07/40 44 05
	0.10	truncated near2 sphere or spheroidal) with (mount or rod or stem	USPAT; US-PGPUB	2004/07/18 11:25
		or pin or shaft) and (137/\$.ccls. or 251/\$.ccls.)	00.00	
-	3471	(ball or rounded adj face or partially adj round\$3 or spherical or	USPAT;	2004/07/18 11:26
		truncated near2 sphere or spheroidal) with (mount or rod or stem	US-PGPUB	
-	52	or pin or shaft) with valve and (137/\$.ccls. or 251/\$.ccls.) (ball or rounded adj face or partially adj round\$3 or spherical or	USPAT;	2004/07/18 11:29
		truncated near2 sphere or spheroidal) with (mount or rod or stem	US-PGPUB	2004/07/16 11.29
		or pin or shaft) with valve same (pressfit\$4 or pushfit\$ or push adi		
	40	fit\$5 or press adj fit\$4) and (137/\$.ccls. or 251/\$.ccls.)		
-	40	(ball or rounded adj face or partially adj round\$3 or spherical or	USPAT;	2004/07/18 11:32
		truncated near2 sphere or spheroidal) with (mount or rod or stem or pin or shaft) with valve same (deformable or deformably or	US-PGPUB	
		pressfit\$4 or pushfit\$ or push adj fit\$5 or press adj fit\$4) with		
		(ball or rounded adj face or partially adj round\$3 or spherical or		
		truncated near2 sphere or spheroidal)and (137/\$.ccls. or		
_	139	251/\$.ccls.) (ball or rounded adj face or partially adj round\$3 or spherical or	USPAT;	0004/07/40 44 00
	.00	truncated near2 sphere or spheroidal) same (mount or rod or	US-PGPUB	2004/07/18 11:33
		stem or pin or shaft) same valve same (deformable or deformably	0010100	
		or pressfit\$4 or pushfit\$ or push adj fit\$5 or press adj fit\$4) same		
		(ball or rounded adj face or partially adj round\$3 or spherical or		
		truncated near2 sphere or spheroidal)and (137/\$.ccls. or 251/\$.ccls.)		
-	4896	(ball or rounded adj face or partially adj round or spherical or	USOCR	2004/07/18 11:35
		truncated near2 sphere or spheroidal) same (mount or rod or	00001	2004/07/10 11.55
		stem or pin or shaft) same valve same (deformable or deformably		
		or pressfit or pressfitted or pushfit or push fitted or press fitting or		
		push adj fit or press adj fit) same (ball or rounded adj face or spherical or truncated near2 sphere or spheroidal)and		
		(137/\$.ccls. or 251/\$.ccls.)		
-	4896	(ball or rounded adj face or partially adj round or spherical or	USOCR	2004/07/18 11:36
		truncated near2 sphere or spheroidal) same (mount or rod or		11.00
		stem or pin or shaft) same valve same (deformable or deformably		
		or pressfit or pressfitted or pushfit or push fitted or press fitting or push adj fit or press adj fit) and (137/\$.ccls. or 251/\$.ccls.)		
		2-20. 20 jile of processed in and (10/74.0018. 01 20 1/4.0018.)		

G			
- 10	**	(ball or spherical or truncated near2 sphere or spheroidal) same (mount or rod or stem or pin or shaft) same valve same	USOC

- _, gr	4891	(ball or spherical or truncated near2 sphere or spheroidal) same	USOCR	2004/07/18 11:37
Ų.		(mount or rod or stem or pin or shaft) same valve same (deformable or deformably or pressfit or pressfitted or pushfit or		
	İ	push fitted or press fitting or push adj fit or press adj fit) and		
		(137/\$.ccls. or 251/\$.ccls.)		
_	738	(ball or spherical or truncated near2 sphere or spheroidal)	USOCR	2004/07/18 11:37
		near5 (deformable or deformably or pressfit or pressfitted or		
		pushfit or push fitted or press fitting or push adj fit or press adj		
		fit)same (mount or rod or stem or pin or shaft) same valve and		
1_	429	(137/\$.ccls. or 251/\$.ccls.) (ball or spherical or truncated near2 sphere or spheroidal)	USOCR	2004/07/40 44-20
	425	near5 (deformable or deformably or pressfit or pressfitted or	USUCK	2004/07/18 11:38
		pushfit or push fitted or press fitting or push adj fit or press adj fit)		
		same (mount or rod or stem or pin or shaft) near5 valve and		
		(137/\$.ccls. or 251/\$.ccls.)		
-	178	(ball or round or spherical or truncated near2 sphere or	USPAT;	2004/07/18 11:48
		spheroidal) near5 valve with (mount or rod or stem or pin or	US-PGPUB;	
		shaft) same (pressed or pushfit\$4 or fit adj into or pressfit\$4 or press adj fit\$5) near3 (ball or round or spherical or truncated	EPO; JPO; DERWENT:	
		near2 sphere or spheroidal)	IBM_TDB	
-	136	(ball or round or spherical or truncated near2 sphere or	USPAT:	2004/07/18 11:48
		spheroidal) near5 valve with (mount or plunger or rod or stem or	US-PGPUB:	200 1/01/10 11:10
		pin or shaft) same (pressed or pushfit\$4 or fit adj into or	EPO; JPO;	
		pressfit\$4 or press adj fit\$5) near3 (ball or round or spherical or	DERWENT;	
		truncated near2 sphere or spheroidal)with (rod or shaft or stem or plunger)	IBM_TDB	
_	136	(ball or round or spherical or truncated near2 sphere or	USPAT;	2004/07/18 11:54
		spheroidal) near5 valve with (mount or plunger or rod or stem or	US-PGPUB:	2004/07/18 11:54
		pin or shaft) same (pressed or pushfit\$4 or fit adj into or	EPO; JPO;	
		pressfit\$4 or press adj fit\$5) near3 (ball or round or spherical or	DERWENT;	
		truncated near2 sphere or spheroidal) with (rod or shaft or stem	IBM_TDB	
L		or plunger)		